

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

EXPRESS MAIL NO. EV 326702857 US

Applicant : Woei Wan Tan, et al.
Application No. : 10/581,782
Filed : June 5, 2006
Title : CAPACITIVE PRESSURE SENSOR WITH A CANTILEVER MEMBER

Grp./Div. : To be determined
Examiner : To be determined
Docket No. : 57855/C982

INFORMATION DISCLOSURE STATEMENT
37 CFR § 1.97(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
August 10, 2006

Commissioner:

In compliance with the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, and in accordance with the provisions in the Manual of Patent Examining Procedure §§ 609 and 707.05(b), enclosed is FORM PTO/SB/08A/B listing the references that are known to applicant. Copies of each of the listed Foreign Patent and Other Document references are enclosed. This filing is timely because it is made during one of the periods described in 37 CFR § 1.97(b).

It is respectfully requested that the listed references be considered in the examination of this application and identified on the list of references cited on the patent issuing for this application. Applicant also requests that an initialed copy of FORM PTO/SB/08A/B be entered in the application file and returned to applicant with the next communication from the Office in accordance with MPEP § 609.

Respectfully submitted,
CHRISTIE, PARKER & HALE, LLP

By


D. Bruce Prout
Reg. No. 20,958
626/795-9900

DBP/dg

Enclosures: Form PTO/SB/08A/B, w/references
DLG PAS695161.1-* 08/9/06 2:38 PM

| | | |
|---|------------------------|----------------------|
| FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B | Attorney Docket Number | 57855/C982 |
| INFORMATION DISCLOSURE | Application Number | 10/581,782 |
| STATEMENT BY APPLICANT | Filing Date | June 5, 2006 |
| (use as many sheets as necessary) | Applicant(s) | Woei Wan Tan, et al. |
| | Group Art Unit | To be determined |
| | Examiner Name | To be determined |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | Cite No. ¹ | DOCUMENT NUMBER Number - Kind Code ² (If Known) | PUBLICATION DATE MM-DD-YYYY | NAME OF PATENTEE |
|-------------------|-----------------------|---|--------------------------------|------------------|
| /PP/ | | 4,335,608 | 06-22-1982 | Wood et al. |
| | | 4,804,944 | 02-14-1989 | Golladay et al. |
| | | 5,115,679 | 05-26-1992 | Uhlarik |
| | | 5,146,787 | 09-15-1992 | Thomas et al. |
| | | 5,163,463 | 11-17-1992 | Gassman et al. |
| | | 5,309,764 | 05-10-1994 | Waldrop et al. |
| | | 5,936,164 | 08-10-1999 | Sparks et al. |
| | | 6,006,607 | 12-28-1999 | Bryzek et al. |
| | | 6,051,853 | 04-18-2000 | Shimada et al. |
| | | 6,122,973 | 09-26-2000 | Nomura et al. |
| | | 6,472,244 B1 | 10-29-2002 | Ferrari et al. |
| | | 6,595,064 B2 | 07-22-2003 | Drewes et al. |
| ↓ | | 6,631,645 B1 | 10-14-2003 | Satou et al. |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIALS | Cite No. ¹ | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If Known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | T ⁶ (<input checked="" type="checkbox"/>) |
|-------------------|-----------------------|---|--------------------------------|--|---|
| /PP/ | | DE 197 40 244 | 02-26-1998 | Bethe | |

OTHER DOCUMENTS

| | | |
|-------------------|-----------------------|--|
| EXAMINER INITIALS | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| /PP/ | | Ajluni C, <i>Low-Pressure Sensor Opens Wide Applications Frontier</i> , Electronic Design, Vol. 44, pp. 59-64, December 16, 1996. |
| /PP/ | | G. Vass, <i>The Principles of Level Measurement</i> , Sensors, Vol. 17, pp. 55-64, 2000. |
| | | J.G. Webster, "The measurement, instrumentation, and sensors handbook", CRC Press, 1998. |

| | | | |
|--------------------|---------------|--------------------|------------|
| EXAMINER SIGNATURE | /Punam Patel/ | DATE CONSIDERED | 04/14/2008 |
|--------------------|---------------|--------------------|------------|

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English Language Translation is attached.

| | | |
|--|-------------------------------|-----------------------------|
| FORM PTO/SB/08A/B (10-01) Substitute for PTO-1449A/B INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | Attorney Docket Number | 57855/C982 |
| | Application Number | 10/581,782 |
| | Filing Date | June 5, 2006 |
| | Applicant(s) | Woei Wan Tan, et al. |
| | Group Art Unit | To be determined |
| | Examiner Name | To be determined |

| OTHER DOCUMENTS | | |
|------------------------|-----------------------|--|
| EXAMINER INITIALS | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
| /PP/ | | Kasten, K, et al., <i>CMOS-compatible capacitive high temperature pressure sensors</i> , Sensors and Actuators, Vol. 85, pp. 147-152, 2000. |
| | | M. Gadel-Hak, "The MEMS handbook", CRC Press, 2001. |
| /PP/ | | Tajima, R, et al., <i>Development of soft and distributed tactile sensors and the application to a humanoid robot</i> , Advance Robotics, Vol. 16, No. 4, pp. 381-397, 2002. |
| /PP/ | | International Preliminary Examination Report for PCT/SG2004/000395, dated June 7, 2006. |

DLG PAS694456.1-* 08/9/06 3:02 PM

| | | | |
|--|---------------|-----------------|------------|
| EXAMINER SIGNATURE | /Punam Patel/ | DATE CONSIDERED | 04/14/2008 |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.pto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached. | | | |